**WETLANDS NATURAL COMMUNITY SURVEY**

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| **Site Name:** |  | **Survey Area:** |  |
| **Quad Name:** |  | **Quad Code:** |  |
| **County:** |  | **Town:** |  |

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| **COMMUNITY TYPE:** | Occurrence Number: |
| **Surveyors:** | Date: |
| **EO Type:**  New EO  Update to Existing EO  Not EO Quality | Sourcecode: |

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| **LOCATION** (attach map showing location) | |
| **Coordinates**: | |
| **Directions to Occurrence**: | **Elevation**  Min ft / m  Max ft / m |
| **Locational Uncertainty**:  Areal delimited  Mapped to within 12.5 m of actual location  Greater uncertainty \_\_\_\_\_\_\_\_ m / ft / km / miles | |
| **Confidence Extent**:  Confident full extent of feature **IS** known  Confident full extent is **NOT** known  **Uncertain** if full extent is known | |

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| **HABITAT DESCRIPTION** |
| **General Description of Community** *(if forest be sure to include if it is old growth and how you know):* |
| **Threats to Community:** |
| **Management/Protection Needs:** |
| **Other Comments (animal use, species distribution, etc.):** |

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| **LANDOWNER INFORMATION** | | |
| Landowner name/address for entire natural community (attach additional owner information on a separate sheet): | Phone | Comments: |
| Tax map # |
| Lot # |

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| **VEGETATION DATA** | | | | | | | | | | | | | |
| SPECIES | T1 | T2 | T3 | S1 | S2 | H | N | TOTAL | Observation Plot Number: | | | | |
|  |  |  |  |  |  |  |  |  | T1 – Super-canopy  T2 – Canopy  T3 – Subcanopy (>5M)  S1 – Tall Shrub (1-5M)  S2 – Low Shrub (<1M)  Cover Classes: <1, 1, 3, 9, 19, 37, 63, 87, 100.  Stand Age:  <15 = Regen  15-60 = Pole  60-120 = Mature  120-150 = LS  150+ = OG | | | | |
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|  |  |  |  |  |  |  |  |  | Size Class (cm) | 12.7-20  Estimate | 20-40 Count | | >40  Count |
|  |  |  |  |  |  |  |  |  | Live Stem |  |  | |  |
|  |  |  |  |  |  |  |  |  | Snags >6 |  |  | |  |
|  |  |  |  |  |  |  |  |  | Downed |  |  | |  |
|  |  |  |  |  |  |  |  |  | Basal Area: | | | | |
|  |  |  |  |  |  |  |  |  | T2 dbh ave: | | | | |
|  |  |  |  |  |  |  |  |  | T2 dbh max: | | | | |
|  |  |  |  |  |  |  |  |  | T2 dbh height: | | | | |
|  |  |  |  |  |  |  |  |  | Pit/Md (E+-): | | | | |
|  |  |  |  |  |  |  |  |  | Stand age est.: | | | | |
|  |  |  |  |  |  |  |  |  | Max age: | | | | |
|  |  |  |  |  |  |  |  |  | EIA Input: | | | | |
|  |  |  |  |  |  |  |  |  | Is water source natural? | | | Y  N | |
|  |  |  |  |  |  |  |  |  | Anthropogenic input (road runoff, etc.) present? | | | Y  N | |
|  |  |  |  |  |  |  |  |  | Is dam or flood control present? | | | Y  N | |
|  |  |  |  |  |  |  |  |  | Elevated or undersized culvert present? | | | Y  N | |
|  |  |  |  |  |  |  |  |  | Earthworms present? | | | Y  N | |
|  |  |  |  |  |  |  |  |  | Bare soil or disturbed areas present? | | | Y  N | |
| TOTALS: |  |  |  |  |  |  |  |  |
| **Comments:** | | | | | | | | | | | | | |

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| **COMMUNITY RANKING** | |
| 1. **CURRENT CONDITION** and **QUALITY** of the community.   Natural and anthropogenic disturbances **within** the community (check off, then describe extent and how recent below). | |
| Logging – most recently ~ \_\_\_\_\_\_\_ yrs ago  Agriculture / pasture  Fire  Wind or ice damage  Impoundment  Exotic plants | Animal effects (insect outbreaks, browsing)  Erosion  Dumping or Mining  ORV / vehicle disturbance  Trails / roads  Other, list |
| **Describe**:  **Current Condition Rank:**  **A** – No apparent signs of human disturbance (or long enough ago that effects are no longer visible or are extremely minor).  **B** – Some signs of human disturbance or degradation, but community generally intact.  **C** – Signs of human disturbance or degradation, community compromised in some significant way.  **D** – Highly disturbed (multiple impacts causing community to be drastically altered). | |
| **2. SIZE** of the natural community**,** | |
| What is the approximate size of the community occurrence? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acres /  hectares /  sq mi | |
| Covers the natural extent of this community type Has been truncated through adjacent land use  **Comments:**  **Size Rank:  A** – Excellent  **B** – Good  **C** – Fair  **D** – Poor | |
| **3. LANDSCAPE CONTEXT** of the area **around** the community (**500m buffer**).  **Describe**:  **Landscape Context Rank:**  **A** –Buffer with little to no human disturbance in the last 30 years (evident in aerial imagery), and invasive plants or other ecosystem stressors absent or if present will have no impact on natural community EO. (Calculated score > .95)  **B** –Buffer largely in natural condition, but may be crossed by roads, have areas with recent (<30 yr old) timber harvesting or other impacts to a small percentage of the area and invasive plants or other ecosystem stressors absent or if present will have little to no impact on natural community EO. (calculated score > .80 and < .94)  **C** –Buffer with limited development, intensive recent timber harvesting, agricultural use over some of the buffer area, roads and other impacts but most of the buffer area still in some form of natural/native cover type. Invasive plants or other ecosystem stressors present and may have some potential to impact natural community EO (calculated score > .40 and < .79)  **D** –Majority of buffer not in some form of natural/native cover type. Invasive plants or other ecosystem stressors are present with a high potential to impact condition of the natural community EO (calculated score <.40) | |
| **OVERALL RANK** for Community  **A** – Excellent  **B** – Good  **C** – Fair  **D** – Poor  **E** – Extant  based on your experience  Rank Date:  Comments: | |